(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau

(43) International Publication Date 19 April 2001 (19.04.2001)

PCT

(10) International Publication Number WO 01/26814 A1

AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,

HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,

NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian

.... patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,

CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,

(81) Designated States (national): AE, AG, AL, AM, AT, AU,

- (51) International Patent Classification7: B02C 15/06, 2/04
- (21) International Application Number: PCT/AU00/01243
- (22) International Filing Date: 13 October 2000 (13.10.2000)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: PQ 3416

14 October 1999 (14.10.1999)

(71) Applicant (for all designated States except US): EAST-BANK HOLDINGS PTY LTD [AU/AU]; 77 Chatsworth

Published:

With international search report.

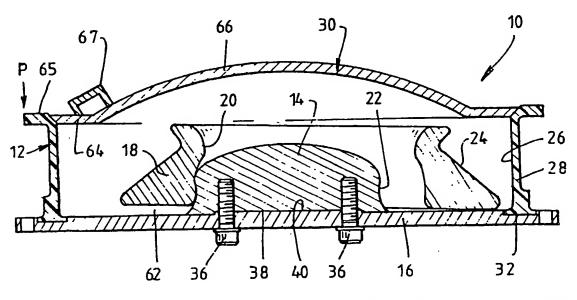
Street, Highgate, W.A. 6003 (AU).

(72) Inventor; and (75) Inventor/Applicant (for US only): HOBSON, Barry, Reginald [AU/AU]; 4 Giddens Court, North Lake, W.A. 6163 (AU).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(74) Agent: MIZZI, Anthony, Paul; Griffith Hack, 256 Adelaide Terrace, Perth, W.A. 6000 (AU).

(54) Title: GRINDING HEAD



(57) Abstract: Grinder head (10) includes a grinding bowl (12) provided with a boss 14 fixed to a bottom wall 16 of the bowl (12) and projecting into the bowl (12). The head (10) also includes a grinder ring (18) that is locatable over the boss (14) and freely moveable within the bowl (12). Lid (30) closes the bowl (12) to prevent the escape of a mineral sample during grinding.